

# Gold Ore Mining: 2002

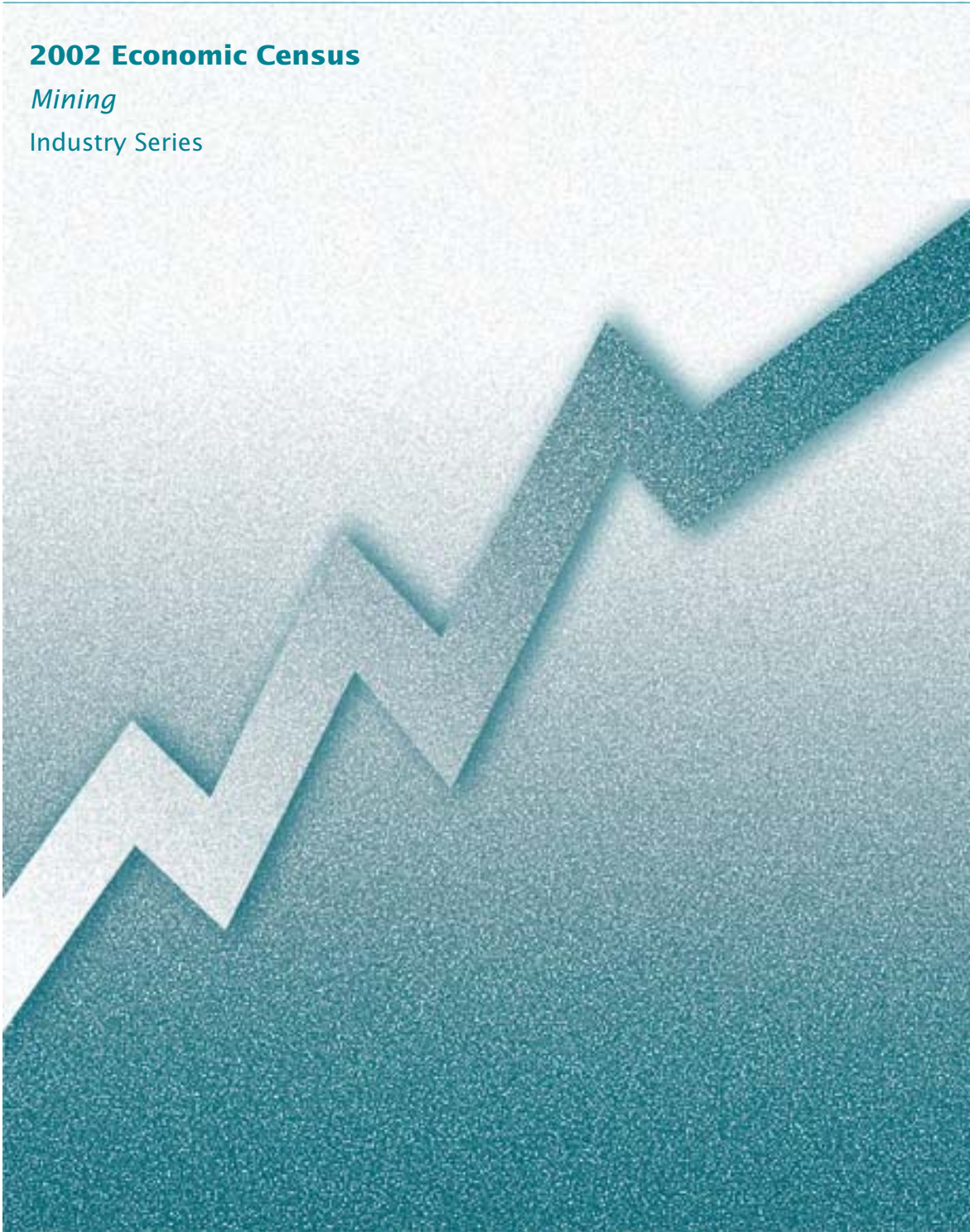
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## 2002 Economic Census

### *Mining*

#### Industry Series



U S C E N S U S B U R E A U

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



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**Table 1. Historical Statistics for the Industry: 2002 and 1997**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year	Com- panies <sup>1</sup>	All estab- lish- ments <sup>2</sup>	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expendi- tures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212221, Gold ore mining ..... 2002.. 1997..	163 248	180 300	9 265 17 512	545 563 777 636	7 701 15 495	17 357 32 088	449 361 674 922	2 003 425 2 780 064	D 2 301 751	2 853 678 3 951 750	D 1 130 065

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Industry Statistics for Selected States and Offshore Areas: 2002**

[Offshore areas refer to those areas not associated with a state. States that are disclosures or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
		Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212221, Gold ore mining												
United States.....	1	180	34	9 265	545 563	7 701	17 357	449 361	2 003 425	D	2 853 678	D
Nevada.....	—	37	15	6 633	415 265	5 374	12 428	333 181	1 391 282	988 750	2 205 512	241 708

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 3. Detailed Statistics by Industry: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
<b>212221, Gold ore mining</b>	
Companies <sup>1</sup> .....	number.. 163
All establishments <sup>2</sup> .....	number.. 180
Establishments with 0 to 19 employees .....	number.. 146
Establishments with 20 to 99 employees .....	number.. 15
Establishments with 100 employees or more .....	number.. 19
All employees for pay period including March 12 .....	number.. 9 265
Total compensation .....	\$1,000.. 731 968
Annual payroll .....	\$1,000.. 545 563
Annual fringe benefits not included in payroll .....	\$1,000.. 186 405
Production, development, and exploration workers for pay period including March 12 .....	number.. 7 701
Production, development, and exploration worker annual hours .....	1,000.. 17 357
Production, development, and exploration worker annual wages .....	\$1,000.. 449 361
Total cost of supplies .....	\$1,000.. D
Supplies used, minerals received, and purchased machinery installed .....	\$1,000.. 959 106
Resales .....	\$1,000.. -
Purchased fuels consumed .....	\$1,000.. 120 286
Purchased electricity .....	\$1,000.. 170 739
Contract work .....	\$1,000.. D
Quantity of electricity purchased .....	1,000 kWh.. 2 692 819
Quantity of electricity generated less sold .....	1,000 kWh.. -
Total other expenses .....	\$1,000.. 107 930
Response coverage ratio <sup>3</sup> .....	percent.. 74
Communications services .....	\$1,000.. 2 029
Legal services .....	\$1,000.. 6 505
Accounting, auditing, and bookkeeping services .....	\$1,000.. 652
Advertising and promotional services .....	\$1,000.. 323
All other expenses (not included above) .....	\$1,000.. 98 421
Total value of shipments and receipts for services .....	\$1,000.. 2 853 678
Primary products value of shipments .....	\$1,000.. D
Secondary products value of shipments and receipts for services .....	\$1,000.. D
Value of resales .....	\$1,000.. -
Value of primary products shipments or services produced in all industries .....	\$1,000.. 2 881 562
Value of primary products shipments or services produced in this industry .....	\$1,000.. D
Value of primary products shipments or services produced in other industries .....	\$1,000.. D
Value added .....	\$1,000.. 2 003 425
Total inventories, end of 2001 .....	\$1,000.. 631 811
Mineral products, crude petroleum, and natural gas liquids inventories .....	\$1,000.. 523 925
Supplies, parts, fuels, etc., inventories .....	\$1,000.. 107 886
Total inventories, end of 2002 .....	\$1,000.. 565 620
Mineral products, crude petroleum, and natural gas liquids inventories .....	\$1,000.. 466 249
Supplies, parts, fuels, etc., inventories .....	\$1,000.. 99 371
Gross book value of depreciable/depletable assets at beginning of year .....	\$1,000.. 5 756 640
Capital expenditures (except land and mineral rights) .....	\$1,000.. D
Capital expenditures for buildings, structures, machinery, and equipment (new and used) .....	\$1,000.. 210 971
Capital expenditures for mineral exploration and development .....	\$1,000.. D
Capital expenditures for mineral land and rights .....	\$1,000.. D
Deductions from depreciable/depletable assets during year .....	\$1,000.. 90 904
Gross book value of depreciable/depletable assets at end of year .....	\$1,000.. 6 003 397
Total depreciation/depletion charges during year .....	\$1,000.. 298 014
Total rental payments during year .....	\$1,000.. 16 804
Buildings and other structures .....	\$1,000.. 1 044
Machinery and equipment .....	\$1,000.. 15 760
Lease rents .....	\$1,000.. 3 016
Expensed mineral exploration, development, land, and rights .....	\$1,000.. 55 167

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>A response coverage ratio is derived for this item by calculating the ratio of the employment for those establishments that reported this item to the total employment for all establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212221, Gold ore mining											
All establishments .....	1	180	9 265	545 563	7 701	17 357	449 361	2 003 425	D	2 853 678	D
Establishments with—											
0 to 4 employees .....	9	110	190	7 814	154	276	6 302	49 918	16 174	32 897	3 017
5 to 9 employees .....	9	21	144	7 068	104	218	5 273	38 543	14 711	28 609	2 720
10 to 19 employees .....	6	15	199	10 110	174	372	8 728	75 737	20 426	56 093	8 288
20 to 49 employees .....	6	7	212	11 293	177	381	9 674	73 059	23 604	61 293	3 877
50 to 99 employees .....	4	8	629	32 860	581	1 283	30 532	127 942	91 188	165 485	14 060
100 to 249 employees .....	4	9	1 219	61 257	1 082	2 339	54 535	335 733	118 977	287 410	20 678
250 to 499 employees .....	—	6	2 134	127 002	1 869	4 277	111 705	554 680	332 660	798 913	88 427
500 to 999 employees .....	—	2	g	D	D	D	D	D	D	D	D
1,000 to 2,499 employees .....	—	2	h	D	D	D	D	D	D	D	D
2,500 employees or more .....	—	—	—	—	—	—	—	—	—	—	—
Administrative records <sup>3</sup> .....	9	118	472	21 962	411	825	19 443	150 725	48 266	97 833	14 042

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 5. Industry Statistics by Type of Operation: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and type of operation	All establishments <sup>1</sup>		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total value of shipments and receipts for services (\$1,000)
	Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)		
212221, Gold ore mining									
All establishments .....	180	34	9 265	545 563	7 701	17 357	449 361	2 003 425	2 853 678
Producing establishments .....	178	34	i	D	7 701	17 357	449 361	D	2 853 678
Mines or wells only .....	5	—	b	D	18	37	885	D	5 865
Underground mines .....	—	—	—	—	—	—	—	—	—
Open-pit mines .....	5	—	b	D	18	37	885	D	5 865
Combination mines, well operations, or other types of mines .....	—	—	—	—	—	—	—	—	—
Mines with preparation plants .....	18	16	7 088	440 551	5 802	13 349	357 061	1 402 458	2 379 225
Underground mines .....	3	2	f	D	D	D	D	D	D
Open-pit mines .....	11	10	3 136	188 443	2 607	6 049	155 400	855 512	1 224 143
Combination mines or other types of mines .....	4	4	h	D	D	D	D	D	D
Separately operated preparation plants .....	—	—	—	—	—	—	—	—	—
Undistributed <sup>2</sup> .....	155	18	2 143	103 336	1 881	3 971	91 415	593 598	468 588
Nonproducing establishments .....	2	—	a	D	—	—	—	D	—

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Includes data for establishments that were not possible to classify based on information available.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products or Services Statistics: 2002 and 1997**

[Includes quantity and value of products or receipts for services of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product or service code	Product or service	Quantity of production for all purposes	Product shipments or receipts for services	
			Quantity	Value (\$1,000)
212221	Gold ore mining .....	2002.. X 1997.. X	X X	2 881 562 3 932 918
2122211	Crude lode gold ores .....	2002.. X 1997.. X	X X	D D
21222111	Crude lode gold ores .....	2002.. X 1997.. X	X X	D D
212221111	Crude lode gold ores mined .....	1,000 metric tons ..2002.. 121 797.7 1997.. 275 506.6	X X	X X
2122211141	Crude gold ore and residues shipped or transferred .....	1,000 metric tons ..2002.. X 1997.. X	D N	D N
2122213	Gold concentrates .....	2002.. X 1997.. X	X X	75 499 164 483
21222131	Gold concentrates .....	2002.. X 1997.. X	X X	75 499 164 483
2122213100	Gold concentrates .....	1,000 metric tons ..2002.. 192.1 1997.. 190.3	<sup>q</sup> 192.1 204.3	75 499 164 483
2122215	Gold mill bullion and placer gold .....	2002.. X 1997.. X	X X	2 501 069 3 631 651
21222151	Gold mill bullion and placer gold .....	2002.. X 1997.. X	X X	2 501 069 3 631 651
2122215111	Gold mill bullion, dore, and precipitates .....	2002.. X 1997.. X	X X	D 3 607 770
2122215121	Placer gold .....	kilograms ..2002.. D 1997.. 2 333.3	D 2 322.7	D 23 881
212221W	Gold ore mining, nsk .....	2002.. X 1997.. X	X X	D D
212221WY	Gold ore mining, nsk .....	2002.. X 1997.. X	X X	D D
212221WYWT	Gold ore mining, nsk .....	2002.. X 1997.. X	X X	D D

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



Table 6b. **Product Class Shipments or Receipts for Services for Selected States and Offshore Areas: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Product or service class code	Product or service class and geographic area	Value of product shipments or receipts for services (\$1,000)
2122211	Crude lode gold ores	
	United States..... 2002..	D
	1997..	D
2122213	Gold concentrates	
	United States..... 2002..	75 499
	1997..	164 483
2122215	Gold mill bullion and placer gold	
	United States..... 2002..	2 501 069
	1997..	3 631 651
	California ..... 2002..	61 199
	1997..	N
	Nevada ..... 2002..	2 048 533
	1997..	N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 7. Selected Supplies, Minerals Received for Preparation, Purchased Machinery, and Fuels Consumed by Type: 2002 and 1997**

[Includes quantity and cost of supplies and fuels consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Supply or fuel code	Supply or fuel consumed	Quantity	Delivered cost (\$1,000)
212221	Gold ore mining		
	Supplies consumed by type		
21220001	Crude ore and residues, received for concentration . . . . . mil metric tons . . . . . 2002 . . . . . 1997 . . . . .	D D	D D
21220003	Crude ore and residues, mined and concentrated at same establishment . . . . . mil metric tons . . . . . 2002 . . . . . 1997 . . . . .	112.1 275.2	X X
33300007	Purchased machinery installed, including mobile loading, transportation, and other equipment installed at the operation . . . . . 2002 . . . . . 1997 . . . . .	X X	275 674 592 481
33300009	Parts and attachments for mining, mineral preparation, construction, and conveying machinery and equipment . . . . . 2002 . . . . . 1997 . . . . .	X X	196 135 285 324
32500073	Industrial chemicals (chemical reagents, calcium chloride, etc.) excluding explosive materials and blasting accessories . . . . . 2002 . . . . . 1997 . . . . .	X X	88 106 174 042
32592001	Explosive materials (including ammonium nitrate) and blasting accessories . . . . . 2002 . . . . . 1997 . . . . .	X X	39 975 86 402
32621001	Tires and inner tubes . . . . . 2002 . . . . . 1997 . . . . .	X X	D 76 204
32741001	Lime . . . . . 2002 . . . . . 1997 . . . . .	X X	51 404 48 577
33151003	Iron and steel castings . . . . . 2002 . . . . . 1997 . . . . .	X X	2 251 24 074
33211101	Iron and steel forgings . . . . . 2002 . . . . . 1997 . . . . .	X X	943 13 453
33120059	Steel shapes and forms (excluding castings and forgings) . . . . . 2002 . . . . . 1997 . . . . .	X X	D 38 252
00970098	All other supplies . . . . . 2002 . . . . . 1997 . . . . .	X X	156 263 208 700
00973000	Undistributed minerals, purchased machinery, parts, attachments, and supplies used . . . . . 2002 . . . . . 1997 . . . . .	X X	59 943 D
	Fuels consumed by type		
21211003	Coal (bituminous, subbituminous, lignite, and anthracite) consumed as a fuel . . . . . 1,000 s tons . . . . . 2002 . . . . . 1997 . . . . .	D D	D D
32411017	Distillate (light) grade numbers 1, 2, 4, and light diesel fuel used as a fuel . . . . . 1,000 bbl . . . . . 2002 . . . . . 1997 . . . . .	91 914.7 3 130.5	79 253 103 489
21111015	Gas (natural, manufactured, and mixed) used as a fuel . . . . . bil cu ft . . . . . 2002 . . . . . 1997 . . . . .	D D	D D
32411015	Gasoline used as a fuel . . . . . mil gal . . . . . 2002 . . . . . 1997 . . . . .	S 13.1	5 103 14 297
00960018	Other fuels (liquefied petroleum gas, coke, wood, etc.) . . . . . 2002 . . . . . 1997 . . . . .	X X	D 22 411
00974000	Undistributed fuels . . . . . 2002 . . . . . 1997 . . . . .	X X	10 929 6 567

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.